

R E M A R K S

Careful review and examination of the subject application are noted and appreciated.

The Applicants thank Examiner Wilson for the indication of allowable matter in claims 5-8 and 13-18.

SUPPORT FOR THE CLAIM AMENDMENTS

Support for the claim amendments may be found in claims 5, 6 and 11-13. FIG. 4 shows the details of the connector circuit, including the first circuit 112, the second circuit 110, the first plurality of gates 130-132 and the first multiplexer 120. Thus, no new matter has been added and no new issues are believed to be raised.

INTERVIEW SUMMARY

In a voice mail message left by Examiner Wilson for Applicants' representative John Ignatowski on May 23, 2005, the Examiner clarified that claim 5 was only objected to for being dependent from a rejected claim. The rejection of claim 5 on page 3 of the current Office Action is a residual from the previous Office Action that should have been removed.

CLAIM REJECTIONS UNDER 35 U.S.C. §102

The rejection of claims 1-4, 9-12, 19 and 20 under 35 U.S.C. §102(e) as being anticipated by Edwards et al., U.S.

Publication No. 2003/0056154 has been obviated by appropriate amendment and should be withdrawn.

The allowable matter of claim 5 has been incorporated into claim 1. The allowable matter of claim 6 has been rewritten in independent form. The allowable matter of claim 13 (and intervening claims 11 and 12) has been incorporated into claim 9. Claim 19 has been amended similar to claim 9 using means for language.

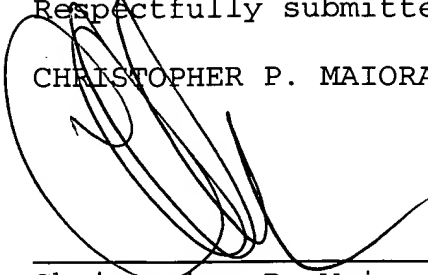
Accordingly, the present application is in condition for allowance. Early and favorable action by the Examiner is respectfully solicited.

The Examiner is respectfully invited to call the Applicants' representative at 586-498-0670 should it be deemed beneficial to further advance prosecution of the application.

If any additional fees are due, please charge Deposit
Account No. 12-2252.

Respectfully submitted,

CHRISTOPHER P. MAIORANA, P.C.

A handwritten signature in black ink, appearing to read 'Christopher P. Maiorana', is written over a horizontal line. The signature is stylized with loops and a long horizontal stroke at the end.

Christopher P. Maiorana
Registration No. 42,829

Dated: July 28, 2005

c/o Pete Scott
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Docket No.: 1496.00174